<u>IN THE ABSTRACT</u>

Please amend the Abstract as follows:

--~~The invention relates to a~~ <u>A</u> method of encoding a set of data representing physical quantities~~, the encoding comprising~~ <u>includes</u> forming a path between the samples of the set, the path passing a maximum of once via each sample location[[,]]<u>.</u> ~~characterized in that it comprises, for~~ <u>For</u> two given successive sample locations [[(x_i, x_{i+1})]] of the path, the <u>method includes the</u> step of[[: -]] forming [[(S59, S63)]] a vector [[(V_i)]] between the two sample locations, only taking into account the intermediate sample locations not already encoded by a vector. ~~(Figure 5)~~--